

**Notice of Allowability**

Application No.

09/439,550

Examiner

Ella Colbert

Applicant(s)

GRASTEIT, CHRISTOPHER T.

Art Unit

3694

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 20 August 2007.
2. ☒ The allowed claim(s) is/are 1,3,4 and 6-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### **DETAILED ACTION**

1. Claims 1, 3, 4, and 6-16 are pending. Claims 1, 3, 7, 8, 10, 12, 15, and 16 have been amended in this communication filed 8/20/07 entered as Response After Non-Final Action.
2. The objection to the abstract has been overcome by Applicant's amendment to the abstract and is hereby withdrawn.
3. The Objections to the Specification have been overcome by Applicant's amendment to the Specification and are hereby withdrawn.
4. The 35 USC 112 first paragraph rejections have been overcome by Applicant's amendment to the claims and are hereby withdrawn.
5. The 35 USC 112 second paragraph rejections have been overcome by Applicant's amendment to the claims and are hereby withdrawn.
6. Claims 1, 3, 4, and 6-16 are allowed.
7. The following is an examiner's statement of reasons for allowance: The closest prior art is (EP 0509839) Fujita, Takehiro et al, here after Fujita. Fujita discloses map data subdivided and managed according to a coordinate system based upon longitude and latitude and stored in a map graphic database with the coordinate data input by a user which is a point and a base point when a region is designated and a table production program with a coordinate transformation execution program by way of linear interpolation, but fails to disclose a method identifying a centroid from the database based on a user input search request, defining radials extending from the centroid, associating a data item with an address location in the database with the radials

Art Unit: 3694

determined by the user input search request, and displaying the centroid, the radials and data items on a map grid, and calculating an endpoint for each radial in claims 1, 6, and 12; locating positions on a radial with each position corresponding to one of the addressable locations, generating a marker for each located position of the radial and displaying the centroid, the radials, and the markers on a map grid in claim 3; and at least one data item is a location within one of the given areas associated with the centroid and displaying the centroid, the plurality of radials and the at least one data item on the map. For these reasons claims 1, 3, 6, 12, and 15 are deemed to be allowable over the prior art of record, and claims 4, 7-11, 13, and 14 are allowed by dependency.

It appears that the instant invention is beyond the skill of one of ordinary skill in the art. Accordingly the invention would NOT have been obvious because one of ordinary skill could not have been expected to achieve it, NOR would they have been able to predict the results, and as such, they would have had no capability of expecting success.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Inquiries**

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ella Colbert whose telephone number is 571-272-6741.


Art Unit: 3694

The examiner can normally be reached on Monday, Wednesday, and Thursday,  
5:30AM-3:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

September 30, 2007

  
ELLA COLBERT  
PRIMARY EXAMINER